

WHAT IS CLAIMED IS:

1. A method for generating temporary digital ink on a media, comprising, selecting at least one digital ink to fade; and applying the at least one digital ink on a media; and fading at least one of the selected at least one digital ink based on at least a first condition.
- 5 2. The method according to claim 1, wherein the media is a collaboratively shared media.
3. The method according to claim 1, wherein selecting digital inks to fade is based on at least a second condition.
- 10 4. The method according to claim 3, wherein the second condition is at least one of user specification, time, importance of marks, user identification, percentage of display area marked.
- 15 5. The method according to claim 1, wherein the digital ink is a referent gesture.
6. The method according to claim 1, wherein the first condition is a predetermined time, the predetermined time based on at least one of; a first stroke of the digital ink, completion of the digital ink, appearance of the first stroke of the digital ink to users who did not apply the digital ink, appearance of the completed digital ink to the users who did not apply the digital ink, a first stroke of 20 succeeding digital ink is applied, completion of the succeeding digital ink, and an intonational phrase.
- 25 7. The method according to claim 6, wherein the intonational phrase is based on an intonational phrase accompanying the digital ink.
8. The method according to claim 1, wherein the first condition is a command from the user.
9. The method according to claim 1, wherein the first condition is at least one of an audio input and a video input.
- 30 10. The method according to claim 9, wherein the audio input is at least one of start of audio detection, end of audio detection, and an identification of the audio input.
11. The method according to claim 9, wherein the video input is at least one of start of audio detection, end of video detection, and an identification of the video input.

12. The method according to claim 9, wherein the audio input is an intonational phrase.

13. The method according to claim 1, wherein the digital ink fades at predetermined speed.

5 14. The method according to claim 13, wherein the predetermined speed is based on a user identification.

15. The method according to claim 13, wherein the predetermined speed depends on an importance determination of a word in the media marked by the digital ink.

10 16. The method according to claim 1, wherein the digital ink fades completely.

17. The method according to claim 1, wherein the digital ink partially fades.

18. The method according to claim 1, further comprising, 15 switching the at least one of the selected at least one digital ink to a non-fading digital ink.

19. The method according to claim 18, further comprising, switching the non-fading digital ink to a fading digital ink.

20 20. The method according to claim 1, further comprising, changing display attributes of the at least one of the selected at least one digital ink based on the first condition.

21. The method according to claim 20, wherein the display attributes include at least one of a color, thickness and shape of the selected digital inks.

25 22. The method according to claim 1, further comprising, selecting a faded or fading digital ink; and recovering the selected faded or fading digital ink.

23. The method according to claim 22, further comprising, making the recovered digital ink permanent on the document.

24. A temporary digital ink generating system comprising, 30 a temporary digital ink generating circuit that applies at least one digital ink on a media; a controller for selecting the at least one digital ink to be faded. a digital ink fading circuit that fades at least one of the selected at least one digital ink based on at least a first condition.

25. The method according to claim 24, wherein the media is a collaboratively shared media.

26. The system according to claim 24, wherein the first condition is a predetermined time, the predetermined time being based on at least one of:

5 a first stroke of the digital ink, completion of the digital ink, appearance of the first stroke of the digital ink to users who did not apply the digital ink, the appearance of the completed digital ink to the users who did not apply the digital ink, a first stroke of succeeding digital ink, completion of the succeeding digital ink, and an intonational phrase.

10 27. The system according to claim 26, wherein the intonational phrase is based on an intonational phrase accompanying the digital ink.

28. The system according to claim 26, wherein the digital ink is a referent gesture.

15 29. The system according to claim 24, wherein the first condition is a command from the user.

30. The system according to claim 24, wherein the first condition is at least one of an audio input and a video input.

31. The system according to claim 30, wherein the audio input is at least one of start or end of audio detection, and an identification of the audio input.

20 32. The system according to claim 30, wherein the video input is at least one of start or end of video detection, and an identification of the video input.

33. The system according to claim 30, wherein the audio input is an intonational phrase.

25 34. The system according to claim 24, wherein the digital ink fades at a predetermined speed.

35. The system according to claim 34, wherein the predetermined speed is based on a user identification.

30 36. The system according to claim 34, wherein the predetermined speed depends on an importance determination of a word in the media marked by the digital ink.

37. The system according to claim 24, wherein the digital ink fades completely.

38. The system according to claim 24, wherein the digital ink partially fades.

39. The system according to claim 38, further comprising,
a digital ink switching system that switches the digital ink that is fading
to a non-fading digital ink or the non-fading digital ink to a fading digital ink.

40. The system according to claim 24, further comprising,
5 a digital ink controlling system changes display attribute of the at least
one of the selected at least one digital ink based on the first condition.

41. The system according to claim 40, wherein the display attribute include
at least one of color, thickness and shape of the digital inks.

42. The system according to claim 24, further comprising:
10 a digital ink recovery system that recovers the fading or faded digital
ink.

43. The system according to claim 42, wherein the digital ink recovery
system makes the recovered fading digital ink a non-fading digital ink.

44. A computer readable storage medium, comprising,
15 computer readable program code embodied on the computer readable
storage medium, the computer readable program code usable to program a computer
to program a method for generating temporary digital ink, comprising,
selecting at least one digital ink to fade; and
applying the at least one digital ink on a media; and
20 fading at least one of the selected at least one digital inks based on at
least a first condition.

45. The method according to claim 44, wherein the media is a
collaboratively shared media.

46. The computer readable storage medium according to claim 44, wherein
25 selecting digital inks to fade is based on at least a second condition.

47. The computer readable storage medium according to claim 46, wherein
the second condition is at least one of user specification, time, importance of marks,
user identification, percentage of display area marked.

48. The method according to claim 44, wherein the digital ink is a referent
30 gesture.

49. The computer readable storage medium according to claim 44, wherein
the first condition is a predetermined time, the predetermined time being at least one
of;

a first stroke of the digital ink, completion of the digital ink, appearance of the first stroke of the digital ink to users who did not apply the digital ink, the appearance of the completed digital ink to the users who did not apply the digital ink, a first stroke of succeeding digital ink, completion of the succeeding digital ink, an intonational phrase.

50. The computer readable storage medium according to claim 49, wherein the intonational phrase is based on an intonational phrase accompanying the digital ink.

51. The computer readable storage medium according to claim 44, wherein the first condition is a command from the user.

52. The computer readable storage medium according to claim 44, wherein the first condition is at least one of an audio input and a video input.

53. The method according to claim 52, wherein the audio input is at least one of start of audio detection, end of audio detection, and an identification of the audio input.

54. The method according to claim 52, wherein the video input is at least one of start of audio detection, end of video detection, and an identification of the video input.

55. The method according to claim 52, wherein the audio input is an intonational phrase.

56. The computer readable storage medium according to claim 44, wherein fading the digital ink is at predetermined speed.

57. The computer readable storage medium according to claim 56, wherein the predetermined speed is based on a user identification.

58. The computer readable storage medium according to claim 56, wherein the predetermined speed depends on an importance determination of a word in the media marked by the digital ink.

59. The computer readable storage medium according to claim 44, wherein the digital ink fades completely.

60. The computer readable storage medium according to claim 44, wherein the digital ink partially fades.

61. The computer readable storage medium according to claim 44, further comprising,

switching the at least one the selected at least one digital ink to a non-fading digital ink.

62. The computer readable storage medium according to claim 61, further comprising,

5 switching the non-fading digital ink to a fading digital ink.

63. The computer readable storage medium according to claim 62, further comprising,

changing display attributes of the at least one of the selected at least one digital ink based on the first condition.

10 64. The computer readable storage medium according to claim 63, wherein the display attributes include at least one of a color, thickness and shape of the selected digital inks.

65. The computer readable storage medium according to claim 44, further comprising,

15 selecting a faded or fading digital ink; and recovering the selected faded or fading digital ink.

66. The computer readable storage medium according to claim 65, further comprising,

making the recovered digital ink permanent on the document.

20 67. A carrier wave encoded to transmit a control program usable for managing generating temporary digital ink to a device for executing the control program, the control program comprising,

instructions for selecting at least one digital ink

instructions for applying the at least one digital ink on a media; and

25 instructions for fading at least one of the selected at least one digital ink based on at least a first condition.

68. A method for generating temporary digital ink on a media, comprising, providing a collaboratively shared media;

selecting a digital ink to fade;

30 applying a plurality of digital inks on the collaboratively shared media; and

fading at least one of the selected at least one digital inks based on at least one condition, wherein fading the digital ink is at a predetermined speed, the

predetermined speed depending on an importance determination of a word in the media marked by the digital ink.

69. A method for generating temporary digital ink on a media, comprising,
providing a collaborative shared media;
5 selecting a digital ink to fade;
applying a plurality of digital inks on the collaboratively shared media;
fading at least one of the selected at least one digital inks based on at
least one condition; and
changing display attributes of the at least one of the selected at least
10 one digital ink based on the at least one condition.